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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond

Note verbale dated 12 April 1999 from the Permanent Mission of Luxembourg to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Luxembourg to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with resolution 1721 B (XVI), paragraph 1, of 20 December 1961, has the honour to transmit information concerning the Astra satellites operated by the Société Européenne des Satellites (SES) and located above 19.2 and 28.2 degrees east longitude (see annex).

V.99-83438 (E)

Annex

Registration data for space launches by Luxembourg*

Name of satellite:	ASTRA 1A
Launch date:	11 December 1988 at 00:33 GMT
Launched from:	Kourou, French Guiana
Launcher:	ARIANE 44 LP, Flight V27
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of analogue television and radio signals, encrypted and unencrypted.

Name of satellite:	ASTRA 1B
Launch date:	2 March 1991 at 23:36 GMT
Launched from:	Kourou, French Guiana
Launcher:	ARIANE 44 LP, Flight V42
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of analogue television and radio signals, encrypted and unencrypted (like ASTRA 1A).

Name of satellite:	ASTRA 1C
Launch date:	12 May 1993 at 00:56 GMT
Launched from:	Kourou, French Guiana
Launcher:	ARIANE 42 L, Flight V56
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of analogue television and radio signals, encrypted and unencrypted (like ASTRA 1A). ASTRA 1C also provides back-up capacity for ASTRA 1A.

* The registration data are reproduced in the form in which they were received.

Name of satellite:	ASTRA 1D
Launch date:	31 October 1994 at 00:37 GMT
Launched from:	Kourou, French Guiana
Launcher:	ARIANE 42 P, Flight V69
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of analogue television and radio signals, encrypted and unencrypted (like ASTRA 1C). ASTRA 1D also provides back-up capacity for ASTRA 1B, ASTRA 1C and ASTRA 1E.

Name of satellite:	ASTRA 1E
Launch date:	19 October 1995 at 00:37 GMT
Launched from:	Kourou, French Guiana
Launcher:	ARIANE 42 L, Flight V79
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of digital television and radio signals, encrypted and unencrypted. ASTRA 1E also provides back-up capacity for ASTRA 1B, ASTRA 1C and ASTRA 1D.

Name of satellite:	ASTRA 1F
Launch date:	8 April 1996 at 23:09 GMT
Launched from:	Baikonur, Kazakhstan
Launcher:	PROTON D 1-e
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of digital television and radio signals, encrypted and unencrypted. ASTRA 1F also provides back-up capacity for ASTRA 1A and ASTRA 1E.

Name of satellite:	ASTRA 1G
Launch date:	2 December 1997 at 23:10 GMT
Launched from:	Baikonur, Kazakhstan
Launcher:	PROTON D 1-e
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 19.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of digital television and radio signals, encrypted and unencrypted and multimedia services. ASTRA 1G also provides back-up capacity for ASTRA 1E and ASTRA 1F.

Name of satellite:	ASTRA 2A
Launch date:	30 August 1998 at 00:31 GMT
Launched from:	Baikonur, Kazakhstan
Launcher:	PROTON D 1-e
Owner of spacecraft:	SES
Orbital characteristics:	Geostationary at 28.2+/-0.1 degrees east Inclination 0-0.1 degrees Eccentricity 0 to 5*10^-4
General purpose of the satellite:	Distribution of digital television and radio signals, encrypted and unencrypted and multimedia services. ASTRA 2A is operated at 28.2 east (second orbital slot).